

Remarks

Rejections Under 35 USC §102

Claims 47-52 have been rejected under 35 USC §102(e) as being anticipated by Elenius (US Patent No. 6,287,893).

The rejections under 35 USC §102 are traversed for the reasons to follow.

Summary of the Invention

The amended claims are directed to a semiconductor component 50 (Figure 2B) that includes a semiconductor die 54 (Figure 2B) having a plurality of die contacts 62 (Figure 2B) in a pattern. The component 50 (Figure 2B) also includes a redistribution circuit 56 (Figure 2B) having conductors 66 (Figure 2B) configured to redistribute the pattern of the die contacts 62 (Figure 2B) into an area array. The component 50 (Figure 2B) also includes a plurality of bumped contacts 58 (Figure 2B) in the area array in electrical communication with the conductors 66 (Figure 2B). In addition to the conductors 66 (Figure 2B), the redistribution circuit 56 (Figure 2B) also includes a plurality of test contacts 60 (Figure 2B) configured to permit testing of the die 54 (Figure 2B) without electrical engagement of the bumped contacts 58 (Figure 2B).

Argument

Independent claim 47 has been amended to include the additional recitation of the redistribution circuit including "test contacts configured to permit testing of the die without electrical engagement of the bumped contacts". The redistribution circuit 56 and the test contacts 60 are shown in Figure 2B. In addition,

antecedent basis for the "configured to permit testing" limitation is contained on page 11, lines 1-2 of the specification. As neither Elenius et al., nor the prior art in general, disclose or suggest a redistribution circuit with both redistribution conductors and test contacts, the amended claims are submitted to be novel and unobvious over the art.

In addition, this case is a division of serial no. 10/659,828, which is currently pending. A compilation of the allowed claims from this parent case is contained in an IDS being filed concurrently with this Amendment. In addition, the allowed parent case is a continuation of US Patent No. 6,620,633 B2. The '633 patent is also cited in the IDS being filed concurrently with this Amendment. Further, the '633 patent is a division of Patent No. 6,380,555 B1, which was cited in a previously filed IDS dated October 31, 2003. Amended claims 47-52 are submitted to be patentably distinct from the claims of each of these parent applications.

Conclusion

In view of the amendments and arguments, favorable consideration and allowance of claims 47-52 is respectfully requested. In addition to the amendments to claims 47-52, withdrawn claims 53-67 have been canceled. In addition, the title has been amended to be more descriptive of the claimed subject matter. Should any issues arise that will advance this case to allowance, the Examiner is asked to contact the undersigned by telephone.

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